



VIA-016-CIP

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

2631

Applicant :	Brian Banister	<p>I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p>On: March 25, 2004</p> <p><i>Barbara Kelly</i> Barbara S. Kelly</p>
App. No. :	10/080,751	
Filed :	February 22, 2002	
For :	METHOD AND APPARATUS FOR GENERATING TRANSMIT ADAPTIVE ANTENNA WEIGHTS WITH NULLING USING BINARY GRADIENT FEEDBACK	
Group Art:	2631	
Examiner:	Unknown	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Technology Center 2600

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the subject application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

(X) No additional fee is due because this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits of the above-identified application, in accordance with 37 CFR §1.97(b).

(XX) Copies of each of the references listed on the attached modified Form PTO-1449 are enclosed herewith. All of the listed references are in the English language.

Respectfully submitted,

  
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Signature Erik M. Vieira  
Registration No. 53,723Date: March 25, 2004

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. VIA-016-CIP	APPLICATION NO. 10/080,751
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Brian Banister	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE February 22, 2002	GROUP 2631

## U.S. PATENT DOCUMENTS

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Liang, et al., "Transmit Antenna Array Techniques for Cellular CDMA Systems", IEEE, published September 1998, pp. 1396-1400.
	Liang, et al., "Forward Link Antenna Diversity Using Feedback for Indoor Communication Systems", IEEE, published May 1995, pp. 1753-1755.
	Gerlach, et al., "Base Station Transmitting Antenna Arrays for Multipath Environments", Signal Processing, Vol. 54, No. 1, published by Elsevier, October 1996, pp. 59-73.

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EXAMINER	DATE CONSIDERED
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